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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/582,579	06/12/2006	Robert Albertus Brondijk	NL031467	1765
24737 7590 02/18/2009 PHILIPS INTELLECTUAL PROPERTY & STANDARDS P.O. BOX 3001 BRIARCLIFF MANOR, NY 10510			EXAMINER CHOW, VAN NGUYEN	
			ART UNIT 2627	PAPER NUMBER
			MAIL DATE 02/18/2009	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/582,579

Applicant(s)

BRONDIJK, ROBERT ALBERTUS

Examiner

VAN N. CHOW

Art Unit

2627

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 December 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 01 December 2008 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-8508)
- Paper No(s)/Mail Date _____

- 4) ☐ Interview Summary (PTO-413)
- Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

Response to Arguments

1. Applicant's arguments filed 12/01/2008 have been fully considered but they are not persuasive.

Applicant argued Kayanuma shows that certain physical addresses may have defects, there is no teaching that two storage areas provided, one of which requires support for defect management, and the other of which does not, which is found in Kayanuma at least in fig. 10, two storage areas for storing data is the physical address "0" --> "7", which has a defect area "3" and "5" and the other storage area is physical address "12" → "19", which does not have a defect area. Also, see Col. 9, lines 46-58, which data from the host device is to be written to sectors corresponding to logical addresses "5" and "6", the logical address "10" at the end of the change-permitted range and logical addresses "5" and "6" for which data are to be written, are first acquired from the host device (see Fig. 9).

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. **Claims 1-11 are rejected under 35 U.S.C. 102(b) as being anticipated by Kayanuma US 6,341,109.**

Regarding claim 1, Kayanuma discloses an optical disc for storing digital data, comprising a first storage area for storing a first type of digital data and a second storage area for storing a second type of digital data, each of the first and second areas comprising a user-

data area, wherein the first and the second storage area are logically independent (see Fig. 10, user area (sectors 12-19) and Fig. 10, user area (sectors 0-7)), and wherein said first storage area has reading/writing capabilities for high-speed data without defect management, and said second storage area has reading/writing capabilities for data requiring defect management support and comprises at least one defect management area (see Fig. 10, defect management areas (sectors 3 and 5)) associated with said user data area of the second storage area for storing defect management data.

Regarding claim 2-7, discloses the optical disc according to claim 1, wherein the first type of data is real-time audio/video data incompatible with defect management, and the second type of data is digital data requiring defect management support (see Figs. 10-11); wherein each of the first and second areas has a logical zero, or its own address space (see Figs. 10-11); the first and second areas of the disc are independently and accessibly fixedly defined (see Figs. 10-11); the first and second storage areas can be altered during use (inherently); and the disc has a nominal data transfer rate of 36 Mbs (see abstract).

Regarding claim 11, discloses a computer program product embodied on a computer-readable medium comprising computer-readable instructions to carry out the method according to claim 7 when executed by said computer (see Figs. 1, 10-11).

Regarding claims 8-9, see rejection above of claim 1.

Regarding claim 10, see rejection above of claim 11.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Fujio et al. US 5,263,008, Ko et al. US 6,697,307 and Lee et al. US 7,092,327

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to VAN T. PHAM whose telephone number is (571)272-7590. The examiner can normally be reached on Tuesday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wayne R. Young can be reached on 571-272-7582. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Van N. Chow/
Examiner, Art Unit 2627

/Wayne Young/
Supervisory Patent Examiner, Art Unit 2627